



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Paul D. Ringgenberg

Serial No.:

10/790,908

Filed:

March 2, 2004

Entitled:

DISTRIBUTED TEMPERATURE

SENSING IN DEEP WATER SUBSEA

TREE COMPLETIONS

Group Art Unit:

2874

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

As listed on the accompanying form PTO-SB-08, the Applicant hereby calls the examiner's attention to the following information of which he is aware, in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56. Copies of the listed references, other than U.S. patent documents, are enclosed with this Information Disclosure Statement.

U.S. Patents:

6,766,853

6,684,950

6,017,227

4,756,595

6,666,274

U.S. Patent Application Publications:

2004/0173350

2002/0125008

2003/0213598

Other Documents:

Office Action for serial number 10/680,053 dated November 8, 2004

This Information Disclosure Statement is being filed under the provisions of 37 CFR §1.97(b)(3), which provides for the timely filing of an Information Disclosure Statement before the mailing of a first Office Action on the merits.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. Further, the filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner.

Written notification that the listed documents have been considered in their entirety, by return of a copy of the enclosed form completed by the examiner, is respectfully requested.

Respectfully submitted,

KONNEKER & SMITH, P.C.

Marlin R. Smith

Attorney for Applicants Registration No. 38,310

Dated: Nov. 30, 2004

660 North Central Expressway

Suite 230

Plano, Texas 75074

(972) 516-0030

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/2 To

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

DEC 0 6 2004

(Use as many sheets as necessary)

 Complete if Known

 Application Number
 10/790,908

 Filing Date
 March 2, 2004

 First Named Inventor
 Paul D. Ringgenberg

 Art Unit
 2874

 Examiner Name
 Unassigned

 Attorney Docket Number
 2003-IP-011866 U1USA

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 6,766,853	07-27-2004	Restarick, et al.	
		^{US-} 6,684,950	02-03-2004	Patel	
		^{US-} 6,017,227	01-25-2000	Cairns, et al.	
		^{US-} 4,756,595	07-12-1988	Braun, et al.	
		^{US-} 6,666,274	12-23-2003	Hughes	
		^{US-} 2004/0173350	09-09-2004	Wetzel, et al.	
		^{US-} 2002/0125008	09-12-2002	Wetzel, et al.	
		^{US-} 2003/0213598	11-20-2003	Hughes	
		US-			
 :-		US-			
		US-			
		US-			
		US-			

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
						L
						L
						┢
	_					₽

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Un	der the Paperwoll Red	duction A	ct of 1995, no persons ar	e required to respond to a collection	of information unless it contains a valid OMB co	ntrol number.		
	ite for form 1449/P			Complete if Known				
Subsini	ite for form 1449/F IV	MADE	intro	Application Number	10/790,908			
INF	ORMATION	I DIS	SCLOSURE	Filing Date	March 2, 2004			
STA	ATEMENT E	BY A	PPLICANT	First Named Inventor	Paul D. Ringgenberg			
		4	a	Art Unit	2874			
(Use as many sheets as necessary)				Examiner Name	Unassigned			
Sheet	2	of	2	Attorney Docket Number	2003-IP-011866 U1USA			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Office Action for serial number 10/680,053 dated November 8, 2004	
		· · · · · · · · · · · · · · · · · · ·	

Date

Considered

Examiner

Signature

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Application/Control No. Applicant(s)/Patent Under Reexamination GRIGSBY ET AL. Art Unit Jennifer H Gay Applicant(s)/Patent Under Reexamination GRIGSBY ET AL. Art Unit Page 1 of 1

U.S. PATENT DOCUMENTS **Document Number** Date Name Country Code-Number-Kind Code MM-YYYY Classification Α US-6,766,853 07-2004 Restarick et al. 166/242.6 В US-6,017,227 01-2000 Cairns et al. 439/138 С US-2003/0213598 11-2003 Hughes, William James 166/380 D US-4,756,595 07-1988 Braun et al. 385/75 Ε US-6,666,274 12-2003 Hughes, William James 166/385 F US-2004/0173350 09-2004 Wetzel et al. 166/253.1 G USн US-1 US-US-

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	0					
	Р					
	Ø					
	R					
	S					
	٢					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	w	
	x	

A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

US-

US-

US-

Κ

L M

ase type a plus sign (+) ins	<u>_</u>	DEC. O	U. S. Patent and Trademark C	PTO/SB/08B (08-00) r use through 10/31/2002. OMB 0851-0031 ffice: U.S. DEPARTMENT OF COMMERCE ess it contains a valid OMB control number.
Substitute for form 14		FIEN	Compl	ete if Known
INFORMA			Application Number	10/680,053
INFORMA'	HON DIS	CLOSURE	Filing Date	October 7, 2003
STATEME	NT BY AF	PPLICANT	First Named Inventor	Tommy Grigsby
\			Group Art Unit	3672
(USB BS	many sheets as i	necessary)	Examiner Name	Jennifer Hawkins Gay
Sheet 1	of.	1	Attorney Docket Number	2003-IP-009526 U1 USA
				

'		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner nitials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
$\partial \gamma$		U.S. Patent application Serial number 10/828,085 filed April 20, 2004	
		U.S. Patent application Serial number 10/680,625 filed October 7, 2003	
		U.S. Patent application Serial number 10/680,440 filed October 7, 2003	
		U.S. Patent application Serial number 10/790,908 filed March 2, 2004	
		The Expro Group brochure, "Tronic Fibre Optic Wellhead Feedthrough Connectors", undated	
		Seacon brochure, "Fiber Optic Connectors", undated	
		Ocean Design, Inc. brochure, "NRH Connector", undated	
		Ocean Design, Inc. brochure, "Hybrid Wet-Mate", 2000	
		Ocean Design, Inc. brochure, "I-CONN; Wet-Mateable Optical Connector", 2000	
		Seacon Advanced Products data sheets, pgs. 22-1 through 22-20	
2			
		·	

Examiner Date Considered O ate	1/0/4

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

eet

Please type a plus sign (+) inside this box

Substitute for form 1449B/PTO

T

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

PTO/SB/08B (08-00)

Approved our use through 10/31/2002. CMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control nu

Total fields,					
Complete if Known					
Application Number	10/680,053				
Filing Date	October 7, 2003				
First Named Inventor	Tommy Grigsby				
Group Art Unit	3672				
Examiner Name	Unassigned				
Attorney Docket Number	2003-IP-009526 U1 USA				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Halliburton, "X-Line® and R-Line® Landing Nipples and Lock Mandrels; Set and Lock Reliability in Subsurface Flow Control Equipment with a Total Completion Package", dated March 1997 Focal Technologies Corporation, Product Brochure for Model 286, dated April 15, 2003

	7		7	 		
Examiner	/	1	f = f	Date		
Signature	U/1	<u>'</u>	1 /	Considered	l Icil	20/01
$\overline{}$					L / U /	ZZ. U / U I

"EXAMINER: Initial It reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.